USPS Pricing Engine SDK

April 26, 2019

Summary

This is the Domestic and International Pricing Engine SDK (version 11.7.3.0) for the June 23, 2019 Release. The following is a list of enhancements included in this release.

BNS 1169 Priority Mail Dim-Weight divisor from 194 to 166

For Priority Mail, the dimensional weight divisor will be 166 for all zones.

BNS 1192 Dim-Weight for Priority Mail Express

For Priority Mail Express, dimensional weight will be applied to all zones. The dimensional weight divisor will be 166.

BNS 1193 Dim-Weight for Parcel Select

For Parcel Select, dimensional weight will be applied to:

- Destination Entry, Machinable DDU, DSCF, and DNDC Zones 1-5
- Destination Entry, Nonmachinable, DDU, DSCF 3D and 5D, DNDC Zones 1-5
- Ground, Zones 1-9

The dimensional weight divisor be 166.

BNS 1217 – Elimination of FCMI Flats Weight Steps over 15.994 ounces

Eliminate the FCMI Flats/Large Envelopes weight steps over 15.994 ounces.

NOTE: If a customer requests a flat over 15.994 ounces, the FCPIS mail service will be returned (depending on country limits).

Rate Engine Return INTL Dimensional Weight

The dimensional weight will be returned by the CalculateServicePrice and GetServicesWithPricing International methods when applicable.

DLL versions to remain 11.7.0.0

All the libraries will remain 11.7.0.0.

Updated databases

New databases have been created for this release: USPS_DOM_2019_06 and USPS_INTL_2019_06 for domestic and international respectively. With Advance Pricing the Pricing Engine will continue to use the USPS_DOM_2019_01 and USPS_INTL_2019_01 databases for shipping date prior to the price change date (See the USPS Pricing Engine SDK 11_5_1_0 release notes or the Pricing Engine DotNET Developers Guide for details on advance pricing).

Impact on Existing Applications

You will have to rebuild your applications.

Instructions

1. Copy the DLLs
2. Restore the databases (SQL Server 2016 backups). The database backups are <u>not</u> included and can be downloaded separately. Note: the SQL script files have been included in the package for those that cannot restore the SQL Server 2016 backups. SQL Scripts should be executed in the order shown below.

Note: Batch files are provided to assist with executing the scripts proved. They must be executed with a parameter that specifies the database name.

Batch script	Parameter
SQL\Domestic\sql_update.bat	USPS_DOM_2019_06
SQL\International\sql_update.bat	USPS_INTL_2019_06

Ex: sql_update.bat USPS_DOM_2019_06

Contents

Description					File
Folder					Database
	Folder				Domestic
		Database			USPS_DOM_2019_06
			SQL Script		BNS 1169_1192_1193 - 2019 Table Update.sql
			Batch File		Sql_update.bat
			Batch File		Sql_update_2019_01_only.bat
	Folder				International
		Database			USPS_INTL_2019_06
			SQL Script		BNS 1217.sql
			SQL Script		Jun 2019 Price Change 20190403 - RateCalc International.sql
			Batch File		Sql_update.bat
			Batch File		Sql_update_2019_01_only.bat
Folder					DLL
	Rate Engine Framework				RateEngine_Framework.dll
	Business Framework				RateEngine_Business.dll
	Domestic Business Rate Engine				RateEngine_DomBusiness.dll
	International Business Rate Engine				RateEngine_IntlBusiness.dll
	Service Delivery Extensions				ServiceDeliveryExtensions.dll
	Customs Forms Engine				CustomsFormsEngine.dll
Folder					Documentation
	Design Model				Pricing Engine.pdf
	Release Notes				USPS Pricing Engine SDK 11_7_3_0.pdf

Reported Defects and Change Request

None at this time	